

Tetraethylammonium tetrafluoroborate

Other names:	Ethanaminium, N,N,N-triethyl-, tetrafluoroborate(1-) N,N,N-triethylethanaminium tetrafluoroborate
Inchi:	InChI=1S/C8H20N.BF4/c1-5-9(6-2,7-3)8-4;2-1(3,4)5/h5-8H2,1-4H3;/q+1;-1
InchiKey:	XJRAKUDXACGCHA-UHFFFAOYSA-N
Formula:	C8H20BF4N
SMILES:	CC[N+](CC)(CC)CC.[B-](F)(F)F
Mol. weight [g/mol]:	217.06
CAS:	429-06-1

Physical Properties

Property code	Value	Unit	Source
tf	344.55	K	Physicochemical Characterization of MFm-Based Ammonium Ionic Liquids

Sources

Electroconductivity of Tetraethylammonium Tetrafluoroborate	https://www.doi.org/10.1021/je200309v
Physicochemical Characterization of MFm-Based Ammonium Ionic Liquids	https://www.doi.org/10.1021/je300993n
Ion Pair Formation of Alkylimidazolium Ionic Liquids in Dichloromethane:	https://www.doi.org/10.1021/je800152d
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C429061&Units=SI

Legend

tf: Normal melting (fusion) point

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